

Serial No. 09/940,410

IN THE SPECIFICATION

Please amend page 1, lines 7-22 as follows:

A conventional method for bonding coatings to a web of cloth made of multiyarns comprises a step of passing the web of cloth through a composite T-shaped mold that extrudes two layers of coatings. One layer of the coating coatings is a highly adhesive composite thermoplastic coating, and the other layer of coatings coating is a surface plastic coating that acts as a skin of the bonded cloth. The coatings are bonded by rolling to the web of cloth when in a molten state to thereby form a web of waterproof cloth. However, when applying such a method to a web of spandex mesh or foam, the spandex mesh or foam is in rigid contact with rigid metal rollers during the rolling procedure. The rolling force is beyond the yield point of the spandex mesh or foam and thus destroys the required elasticity. In addition, the coatings are stuck into the spandex mesh instead of being bonded to the surface of the spandex mesh such that the resultant patterns on the surface of the spandex mesh become irregular and deformed. The price of the product is thus adversely affected. It is, therefore, a long and unfulfilled need in-bonding to bond a coating to a web of spandex mesh or foam without sacrificing the characteristics of the spandex mesh or foam.

Please amend page 2, lines 22-23 as follows:

Fig. 6 is ~~an exploded~~ a perspective view of an aspiration device of the apparatus in Fig. 5.

Please amend page 3, lines 2-8 as follows:

Referring to Fig. 1, a method for bonding a coating on a material web (such as a web of cloth or foam) in accordance with the present invention comprises the steps of: (a) bonding the coating and the web of cloth together such as by [[, e.g.,]] glue; (b) heating the web of cloth having the coating bonded thereto; and (c) removing air between the coating and the web of cloth by aspiration to thereby provide complete bonding between the coating and the web of cloth. The resultant web of cloth/coating is wound around on a reel.

Please amend page 4, lines 3-15 as follows:

The apparatus further comprises an air supply source or system 30 comprising a compressor 31 with an outlet pipe 32 and a plurality of vents 33 communicated with the outlet pipe 32. The vents 33 are located right above the aspiration cylinders 21 and 22. When the heated web of cloth/coating 11 and 13 pass through the aspiration cylinders 21 and 22, the

Serial No. 09/940,410

Q3 downward ~~strong~~ air stream from the vents 33 make the coating 13 and the web of cloth 11 be further close to each other. In addition, the air from the vents ~~[[13]]~~ 33 is aspirated by the aspiration means 24 into the longitudinal chambers 212 and 222 of the aspiration cylinders 21 and 22 via the vents 211 and 221. The air is then discharged via the outlet 241 of the aspiration means 24. The internal pressures in longitudinal chambers 212 and 222 of the aspiration cylinders 21 and 22 are nearly vacuum, ~~which makes~~ so that thorough contact is made between the coating 13 and the web of cloth 11.

Please amend page 4, line 23 to page 5, line 8 as follows:

af Figs. 5 and 6 illustrate a modified embodiment of the apparatus for implementing the method in accordance with the present invention. In this embodiment, the aspiration/bonding device (now designated by 50) comprises an aspiration bed 51 having a central chamber (not shown) and a plurality of vents 511 communicated with the central chamber. The aspiration bed 51 further comprises plural outlets 52 that are communicated with the central chamber and respectively connected to plural inlets 531 of an outlet manifold 53. The outlet manifold 53 has an outlet ~~[[532]]~~ that is communicated with an inlet (not labeled) of an aspiration means 54 such as a vacuum pump having an outlet 55. The air supply source or system 30 in the first embodiment is omitted. In addition, a cooling roller may be provided downstream the aspiration bed 51 to cool the web of cloth/coating 11 and 13 before reeling.

Please amend page 5, lines 9-11 as follows:

as As illustrated in Fig. 7, after bonding of a coating 13 to a web of cloth 11 (e.g., a spandex mesh), the coating 13 is completely merged into the lattices 111 of the ~~spandex mesh~~ web of cloth 11 under the action of the strong aspiration.